

IN THE SPECIFICATION

Please replace paragraph [0161] on page 8 of the specification with the following amended paragraph:

[0161] "Safety level" indicates the safety level in safe space. In the robot 1 of this embodiment, this "safety level" includes a timing of a potential risk with [[has]] an ignorance stage which is identified as safe (for example, FIG. ISA, FIG. 17A and FIG. 19A), a warning stage which is identified as having some time to insertion or contact with an obstacle (for example, FIG. 15B, FIG. 17B and FIG. 19B), and an emergent stage which is identified as a status where insertion or contact with an obstacle will happen in the near future (for example, FIG. 15C, FIG. 17C and FIG. 19C). Specifically, as to safe space at the back of the knee joint mechanisms 38 of the leg units 6A and 6B (see FIG. 14) and safe space formed by the robot 1 and surroundings, an emergency prevention stage which is identified as a status where the insertion has occurred or an obstacle is very close (For example, FIG. 15D) is also prepared as the "safety level". Such "safety level" is prescribed by considering the torque output capability of the actuators A \pm to A17, a joint angle formed by links, a planned action and so on together. However, this prescription is not limited to this and other elements can be considered as well.

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